

PROJECT TYPE Sidewalk
PROXIMATE LENGTH 3400 lf
COST ESTIMATE Option 1-\$420,000 Option 2-\$500,000

2007-054 S Orcas Street
between Beacon Ave S and MLK Jr Way

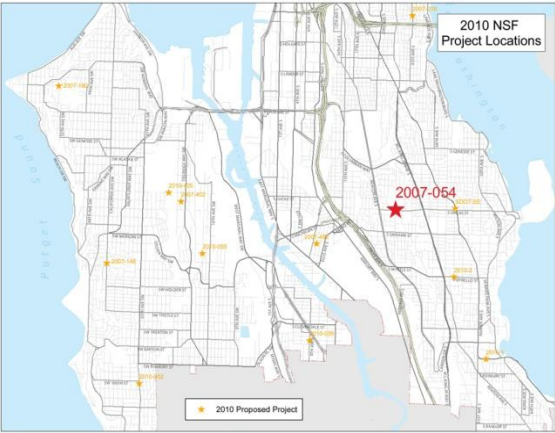


APPLICANT PROBLEM

The sidewalks are badly degraded or non-existent. Pedestrian access to Dearborn Elementary School is dangerous, especially when it is non-daylight hours. If the improvements are made, many will walk safely from Beacon Ave South to Lake Washington.

APPLICANT SOLUTION

Install and/or repair sidewalks and add lighting



2007-054 S Orcas Street between Beacon Ave S and MLK Jr Way

SEATTLE DEPARTMENT OF TRANSPORTATION (SDOT) REVIEW

Option 1 - Beacon to the Chief Sealth Trail - Maintain existing 10' travel lanes and install sharrow markings. Construct a curb on the north side and rehabilitate planting strip between the new curb and existing sidewalk. There will be no on-street parking.

Option 2 - Build curb and gutter on the southside of the street from Beacon Ave S to 32nd Ave S.

32nd Ave S to MLK - Restrict parking in the block between 33rd and 34th to allow for bicycle sharrow lanes.

The Bicycle Master Plan recommends bike lanes on S Orcas Street from Martin Luther King Jr Way to Beacon Ave S. The project would add a bike lane on the uphill side of S Orcas Street (west of 32nd Ave S to Beacon Ave S). This would require narrowing the existing planting strip on the northside of the street west of the school and Chief Sealth Trail.

Constructability

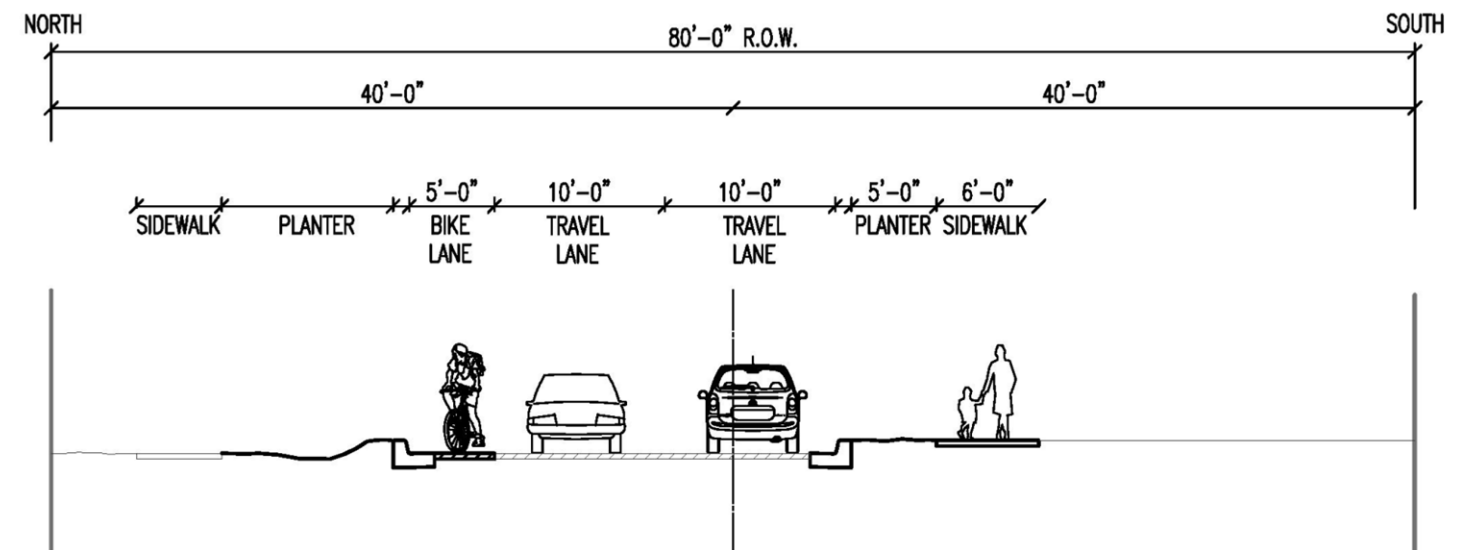
- There is some existing drainage at the cross streets and in front of Dearborn Elementary, but little infratructure on Orcas. A new system would need to be installed where new curb is installed.Existing drainage infratructure.
- There are existing power poles with street lights and transmission lines on the north side of the street. There are a few poles on the south side of the street with service lines.

Community Issues

- Outreach will be needed with Dearborn Elementary School to address construction detours for pedestrians.
- Outreach will be needed with adjacent property owners to address parking restrictions and potential impacts to property frontages.

Benefits

- Provides landscape buffer between pedestrians and vehicles.
- Improves pedestrian and school safety to Dearborn Elementary.
- Improves bicycle safety by providing the designated bike lane.
- Improves pedestrian access to/from transit routes on Martin Luther King Jr Way and Beacon Ave S (at each end of the project).
- Improves environment by providing planting area and street trees.



S ORCAS ST - BEACON AVE S TO 28TH AVE S - SECTION
SCALE 1/8" = 1'-0"



Near Beacon Ave - looking east



Near Chief Sealth Trail - looking east